Workshops
Tailored to Your Needs

We offer a variety of workshops designed to empower you with technology tools and expertise to accelerate your organization's digital transformation.

Training is tailored to customer and partner needs. Workshops are generally held at Groupware's office in Campbell, CA, but we are also available to deliver workshops remotely or at customer offices. Each workshop typically lasts a full 8-hour day, but we also offer half-day and 2-day versions and everything in between. We accommodate requests for custom content and ensure that the level of difficulty matches the expertise of the trainees.

ANSIBLE   aws   Google Cloud Platform   NVIDIA.   redhat.

AI Workshops

Recommended for

Systems engineers, technical architects & DGX-1 users

DGX-1-01 (1-10 participants $6,500, 11-20 $12,000)

DGX-1-01 introduces the NVIDIA DGX-1 hardware, DGX OS and containerized NVIDIA GPU Cloud applications. By the end of the course, you will understand how to install and update system software and firmware, configure the NFS cache and InfiniBand network interface cards and run containerized deep learning frameworks such as TensorFlow and PyTorch. You will also learn about NVIDIA's DGX POD reference architecture and DeepOps management software for scaling applications across multiple DGX nodes.

Machine learning engineers & data scientists

Practical Deep Learning with DGX-1 and NVIDIA GPU Cloud (1-10 participants $6,500, 11-20 $12,000)

Practical deep learning teaches the nuts and bolts of training, profiling, optimizing and deploying neural networks using the NVIDIA GPU Cloud container repository. This course teaches the basic commands necessary to ingest data, modify training hyperparameters and output models for deployment. By the end of the course, you will learn how to train a ResNet-50 neural network for image classification in PyTorch and optimize the network for deployment using NVIDIA's TensorRT.

Anyone who wants to understand deep learning in greater detail

A Conceptual Introduction to Artificial Neural Networks (1-10 participants $6,500, 11-20 $12,000)

This course provides an introduction to neural networks from first principles. You will learn the operations necessary to build a convolutional neural network, as well as the Python syntax for forward and backward propagation. By the end of the course, you will learn how to build a simple classification network from scratch in PyTorch and train it to classify handwritten digits from the MNIST dataset.

groupwaretech.com/workshops/

Cloud & DevOps Workshops

Getting Started with AWS (1-10 participants $10,000, 11-20 $12,500)

This 2-day hands-on workshop provides the fundamentals required around getting started on AWS. In this workshop, we will do a services overview and cover best practices for your workload deployments. Those who have taken this workshop will find it helpful in preparing for the AWS Certified Solutions Architect – Associate.

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Cloud Sprint ($12,500)

In this 4-day workshop, we will develop an effective plan for your cloud adoption journey. We will work with you to review your goals and consider the essential areas of focus that span people, process and technology. We will develop a cloud foundation for your first workload. For financial governance, we will establish your billing accounts, budgets and resource monitoring.

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Ansible Fundamentals for Infrastructure (1-10 participants $6,500, 11-20 $12,000)

In this 1-day, hands-on workshop, you will learn how to automate infrastructure operations with Ansible. You will gain skills in:

- Running ad-hoc Ansible commands from a command line
- Developing playbooks to make them reusable and platform agnostic
- Using Ansible to gather data from your servers
- Using Ansible to install and manage packages
- Using Ansible to update configuration files

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Ansible Fundamentals for Networking (1-10 participants $6,500, 11-20 $12,000)

In this 1-day, hands-on workshop, you will learn how to automate network operations with Ansible. You will gain skills in:

- Running ad-hoc Ansible commands from a command line
- Developing playbooks to make them reusable and platform agnostic
- Using Ansible to gather data from your network devices
- Using Ansible to update router configurations
- Using Ansible to configure, backup and restore your network devices
- Using Ansible to document your network

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Red Hat OpenShift for Operations (1-10 participants $6,500, 11-20 $12,000)

In this 1-day, hands-on workshop, you will learn how to configure OpenShift and perform everyday operations tasks. You will gain skills in:

- Managing users and assigning quotas
- Managing storage and provisioning Persistent Volumes
- Deploying and managing metrics and logging
- Adding and removing nodes from a cluster
- Performing cluster health checks

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Red Hat OpenShift for Developers - (1-10 participants $6,500, 11-20 $12,000)

In this 1-day, hands-on workshop, you will learn how to develop and deploy a simple containerized application. You will gain skills in:

- Creating container images
- Deploying your application
- Code promotion across environments
- Rolling back application deployments